

December-05-12 12:48:35 PM

Page 1

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop *NS2*

Item Name: Adjustable Engine Mount

Start Date: 12/05/12 **Start Qty:** 7.00

7

Cust Item ID:

Required Date: 12/05/12 **Req'd Qty:** 7.00

7

Customer:

Reference: disassemble

Approvals: **Process Plan:**

Date:

Tooling:

Date:

Run Start *NR1*

OC:

Date:**SPC (Y/N):**

Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
IIN D204-708	Rev A

120

Receive & Inspect for Damage & Mat'l Certs

0.00

120

Packaging

0.00

Packaging

Memo

Packaging

PULL FROM STOCK:

7 X D204-708-013 B56741

DISASSEMBLE COMPLETELY, RETURN ALL PARTS TO STOCK:

42 X D3284-001 B

42 X D3284-005 B

42 X D3284-007 B

42 X D3284-009 B

7 X D3284-011 B

14 X MS20613-6C12 B

84 X MS20613-6C16 B

84 X MS20613-6C19 B

42 X NAS509-12 B

42 X NAS509L12 E

Work Order ID 94289***94289***

Page 2

December-05-12 12:48:35 PM

Item ID: D204-708-013

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Adjustable Engine Mount

Start Date: 12/05/12 Start Qty: 7.00

7

Cust Item ID:

Required Date: 12/05/12 Req'd Qty: 7.00

7

Customer:

Reference: disassemble

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

160

QC21- Final Inspection - Work Order Release

0.00

160

QC

Memo

0.00

Quality Control

12/12/12

u 12.12.06

Picklist Print

December-05-12 12:48:35 PM

Page 1

Work Order ID: 94289

Parent Item: D204-708-013

Parent Item Name: Adjustable Engine Mount

Start Date: 12/05/12

Required Date: 12/05/12

Start Qty: 7.00

Required Qty: 7.00

Comments: IPP Rev CAdded MS20613-6C12 Rivet JLM/AP

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D204-708-013 Adjustable Engine Mount		Manufactured	No				Each	0.0000		7	56741 B24757		W
D3284-001 Sleeve		Manufactured	No				Each	6.0000		-42	B37468		SP.
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST037		6							
				24757		6							
D3284-005 Stud		Manufactured	No				Each	11.0000		-42	B24757		SP.
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST037		11							
				24757		6							
				43645		3							
				79831		2							
D3284-007 Stud		Manufactured	No				Each	6.0000		-42	B55437		SP.
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST037		6							
				24757		6							
D3284-009 Bearing		Manufactured	No				Each	18.0000		-42	B24757		SP.
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST037		18							
				91712		18							
D3284-011 Bearing		Manufactured	No				Each	3.0000		-7	B24757		SP.
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST037		3							
				60004		3							
											SP12-12-6		

Picklist Print

December-05-12 12:48:35 PM

Page 2

Work Order ID: 94289

Parent Item: D204-708-013

Parent Item Name: Adjustable Engine Mount

Start Date: 12/05/12

Required Date: 12/05/12

Start Qty: 7.00

Required Qty: 7.00

MS20613-6C12 Purchased No Each 68.0000
RIVET

-14 ✓ 100089 x 14 h

Location	Loc Qty	Loc Code
ST312	68	
105433	68	

MS20613-6C16 Purchased No Each 436.0000
Rivet

-84 84
m 11096 / 11939.2 SP

Location	Loc Qty	Loc Code
ST312	436	
115358	436	

MS20613-6C19 Purchased No 0.0000
Rivet

-84 m 116205 / 111592 SP

NAS509-12 Purchased No 48.0000
Nut

-42 m 24757 SP

Location	Loc Qty	Loc Code
ST279	48	
15057	42	
24757	6	

NAS509L12 Purchased No Each 44.0000
Nut

-42 m 24757 SP

Location	Loc Qty	Loc Code
ST279	44	
102296	29	
15062	9	
24757	6	

12-12-12

December-05-12 12:48:35 PM

Shop Packet Print

Page 2

Item ID: D204-708-013

Status	Item ID	Rev	Name	Start Date	Quantity	UOM	Proj Date	Sec	Cap	ip	Quam	mm	N	C	IL	Sort	me	Off	se	in	Ty	1	Per	Cch	to	ore	C	Last	Id	De
	D3284-001		Sleeve	12/05/09	✓ 6...	Ea		120	0	0.0...					0	0	M...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								12/...	12	
	D3284-005		Stud	12/05/09	✓ 6...	Ea		120	0	0.0...					0	0	M...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								12/...	12	
	D3284-007		Stud	12/05/09	✓ 6...	Ea		120	0	0.0...					0	0	M...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								12/...	12	
	D3284-009		Bearing	12/05/09	✓ 6...	Ea		120	0	0.0...					0	0	M...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								12/...	12	
	D3284-011		Bearing	12/05/09	✓ 1...	Ea		120	0	0.0...					0	0	M...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								12/...	12	
	MS20613-6C12		RIVET	1/01/08	2...	Ea		120	0	0.0...					0	0	M...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								12/...	12	
	MS20613-6C16		Rivet	1/01/08	12...	Ea		120	0	0.0...					0	0	M...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								12/...	12	
	MS20613-6C19		Rivet	1/01/08	12...	Ea		120	0	0.0...					0	0	M...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								12/...	12	
	NAS509-12		Nut	1/01/08	6...	Ea		120	0	0.0...					0	0	M...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								12/...	12	
	NAS509L12		Nut	1/01/08	6...	Ea		120	0	0.0...					0	0	M...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								12/...	12	

gust

List Lots

Page 1 of 1

December-05-12 12:31:01 PM

Criteria : Item ID: d204-708-013 All Locations All Warehouses All Quantity

Item ID	Warehouse ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt	Type Code	Comments
Item Name	Location ID				Lot Code		
D204-708-013	Main Warehouse	56741	8/01/12	7.0000	QC21	CHG001	
Adjustable Engine Mount	FG021						
Total:				7.0000			

94289 h

Work Order ID 56741

March 5, 2010 10:09:25 AM

Page 1

Item ID: D204-708-013

Accept

Setup Start

Stop

Revision ID:

Item Name: Adjustable Engine Mount

Start Date: 3/05/10 Start Qty: 9.00

Required Date: 3/05/10 Req'd Qty: 9.00

Cust Item ID:

Customer:

Reference:

Run Start

Stop

Approvals:

Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
JIN D204-708	Rev A								
120	Receive & Inspect for Damage & Mat'l Certs	0.00							
	Packaging								
	Memo	0.00							
	Pull from stock:								
	9 x D204-708-013 B37468								
	pull D3284-007's from kit- return to Northern Aero for re-cad plating (see P.O								
	11165 - w/o 56741).								
	Return D3284-007's to kit when returned from Northern Aero under B/N 56741								
140	QC4- 100% Inspect kits for completeness	0.00							
	Memo	0.00							
	Quality Control								

Subs 1/2

Subs 1/2

PH 10-3-12
white label
(P)

7/03/12

Work Order ID 56741

March 5, 2010 10:09:25 AM



Page 2

Item ID: D204-708-013

Accept



Setup Start



Revision ID:

Stop



Item Name: Adjustable Engine Mount

Start Date: 3/05/10 Start Qty: 9.00

Cust Item ID:

Required Date: 3/05/10 Req'd Qty: 9.00

Customer:



Reference:

Run Start



Approvals:

Process Plan:

Date:

Tooling:

Date:

Stop



QC:

Date:

SPC (Y/N):

Date:

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

150



Packaging

Packaging

LOC 100

0.00

Rev A

10-3-12

(90)

SD

Packaging

Memo

Re-package per PPP, using new B/N 56741

0.00

160



QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

SD / 1003-22

MF

10-3-17

Picklist Print

March 5, 2010 10:09:24 AM

Work Order ID: 56741

Parent Item: D204-708-013

Parent Item Name: Adjustable Engine Mount

Comments: IPP Rev C Added MS20613-6C12 Rivet JLM/AP

Start Date: 3/05/10

Required Date: 3/05/10

Start Qty: 9.00

Required Qty: 9.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

D204-708-013		Manufactured	No				Each	9.0000	9.0000			
--------------	--	--------------	----	--	--	--	------	--------	--------	--	--	--



Adjustable Engine Mount

WarehouseLoc QtyLoc CodeLocation

Main Warehouse

FCI

9

37468

9

120

Each

25.0000

54.0000

37468 x9

D3284-007

Manufactured No



Stud

WarehouseLoc QtyLoc CodeLocation

Main Warehouse

ST

25

43646

4

54900

18

55427

1

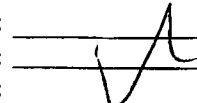
56513

2

55437 x59 8/10/03/12

Date: Friday, 15/02/2008 9:48:54 AM
User: Linda Lacelle

Process Sheet

Customer	: CC-DAR01 Dart Aerospace Ltd.	Drawing Name	: D204-708-013
Job Number	: 37468		
Estimate Number	: 10804		
P.O. Number	:	Part Number	: D204708013
This Issue	: 15/02/2008 S.O. No. :	Drawing Number	: NCR274
Prsht Rev.	: NC	Project Number	:
First Issue	: 15/02/2008 Type : SMALL /MED FAB	Drawing Revision	:
Previous Run	: 00015	Material	:
Written By	: 	Due Date	: 22/02/2008 Qty: 9 Um: Each
Checked & Approved By	:		
Comment	:		

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
---------	-----------------------	---------------

1.0	D204708013	Adjustable Engine Mount
-----	------------	-------------------------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 9.0000 Each(s)
Adjustable Engine Mount
Pull from stock
QTY: 9
B24757

208.02.15 9

chg 001

2.0	PG	PURCHASING
-----	----	------------



Comment: PURCHASING
Have sleeves, B80702-1 original B24757, return for rework as per NCR 274.
P/O: *5433*

C208/02/15 9

3.0	PACKAGING 1	PACKAGING RESOURCE #1
-----	-------------	-----------------------



Comment: PACKAGING RESOURCE #1
Receive & Inspect For Transit Damage
Ensure Certificate of Conformity & Process Sheet are attached

C208/02/15 9

4.0	QC6	DIMENSIONAL CHECK
-----	-----	-------------------



Comment: DIMENSIONAL CHECK

208.02.15 9 kits

5.0	SMALL FAB 1	SMALL & MEDIUM FAB RESOURCE 1
-----	-------------	-------------------------------



Comment: SMALL & MEDIUM FAB RESOURCE 1
Assemble as per dwg.

SAD 08/02/16

Date: Friday, 11/11/2005 3:22:46 PM
User: Linda Lacelle

Process Sheet

Customer : CU-DAR001 Dart Helicopters Services	Drawing Name : ADJUSTABLE ENGINE MOUNT KIT (204)
Job Number : 24757	
Estimate Number : 10102	
P.O. Number : N/A	Part Number : D204708013
This Issue : 11/11/2005 S.O. No. : N/A	Drawing Number : B807 REV C
Prsht Rev. : NC	Project Number : N/A
First Issue : N/A Type : PURCHASED PARTS	Drawing Revision : C
Previous Run : N/A	Material : N/A
Written By : <u>See comment below</u>	Due Date : 11/30/2005 Qty: 10 Um: Each
Checked & Approved By : <u>See comment below</u>	
Comment : Est Rev:B 04.11.01 Assembly no longer made in-house KJ/JLM	

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
----------------	------------------------------	----------------------

1.0	DC	DOCUMENT CONTROL
-----	----	------------------



Comment: DOCUMENT CONTROL
Photocopy bluefile & type labels per PPP204-708-013 CHG001

(12)

DH 06-01-11

2.0	PG	PURCHASING
-----	----	------------



Comment: PURCHASING

Issue P/O: 00000096 for:

- 6 D3284-001 Sleeve
- 6 D3284-005 Stud
- 6 D3284-007 Stud
- 6 NAS509-12Nut
- 6 NAS509L12 Nut

to be assembled as per Dwg B80701 Rev. C Possible Supplier: Northern Aero Certificate of Conformity is required

h

05/11/14

3.0	PACKAGING 1	PACKAGING RESOURCE #1
-----	-------------	-----------------------



Comment: PACKAGING RESOURCE #1

Receive & Inspect For Transit Damage
Ensure Certificate of Conformity is attached

C206101109 10

Date: Friday, 11/11/2005 3:22:46 PM
User: Linda Lacelle

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: ADJUSTABLE ENGINE MOUNT KIT (204)

Job Number: 24757

Part Number: D204708013

Job Number:



Seq. #:

Machine Or Operation:

Description :

4.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

Inspect assembly. Visually inspect thread, fit and cad plating

LA 06.01.09

5.0

D3284001

Sleeve



Comment: Qty.: 6.0000 Each(s)/Unit Total : 60.0000 Each(s)

Pick: Packing Kit (Note: (1) D204-708-013 Kit includes all parts listed below)

Qty Part Number Description Batch

6 D3284-001 Sleeve *B24757*

6.0

D3284005

Stud



Comment: Qty.: 6.0000 Each(s)/Unit Total : 60.0000 Each(s)

Pick: Packing Kit (Note: (1) D204-708-013 Kit includes all parts listed below)

Qty Part Number Description Batch

6 D3284-005 Stud *B24757*

7.0

D3284007

Stud



Comment: Qty.: 6.0000 Each(s)/Unit Total : 60.0000 Each(s)

Pick: Packing Kit (Note: (1) D204-708-013 Kit includes all parts listed below)

Qty Part Number Description Batch

6 D3284-007 Stud *B24757*

8.0

D3284009

Bearing



Comment: Qty.: 6.0000 Each(s)/Unit Total : 60.0000 Each(s)

Pick: Packing Kit (Note: (1) D204-708-013 Kit includes all parts listed below)

Qty Part Number Description Batch

6 D3284-009 Bearing *B24775-2 3MCP B24775 5MCP*

9.0

D3284011

Bearing



Comment: Qty.: 1.0000 Each(s)/Unit Total : 10.0000 Each(s)

Pick: Packing Kit (Note: (1) D204-708-013 Kit includes all parts listed below)

Qty Part Number Description Batch

1 D3284-011 Bearing *B24776-2 2MCP*

B24776-2 8MCP

Date: Friday, 11/11/2005 3:22:46 PM
User: Linda Lacelle

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: ADJUSTABLE ENGINE MOUNT KIT (204)

Job Number: 24757

Part Number: D204708013

Job Number:



Seq. #:

Machine Or Operation:

Description :

10.0

MS206136C16

Rivet



Comment: Qty.: 12.0000 Each(s)/Unit Total : 120.0000 Each(s)

Pick: Packing Kit (Note: (1) D204-708-013 Kit includes all parts listed below)

Qty Part Number Description Batch ~~x 12~~

12 MS20613-6C16Rivet M19096 ~~20mc~~

M19392 108mc

11.0

MS206136C19

Rivet



Comment: Qty.: 12.0000 Each(s)/Unit Total : 120.0000 Each(s)

Pick: Packing Kit (Note: (1) D204-708-013 Kit includes all parts listed below)

Qty Part Number Description Batch

12 MS20613-6C19Rivet M16255 62mc M19399 53mc

M15921 5mc

12.0

NAS50912

Nut



Comment: Qty.: 6.0000 Each(s)/Unit Total : 60.0000 Each(s)

Pick: Packing Kit (Note: (1) D204-708-013 Kit includes all parts listed below)

Qty Part Number Description Batch

6 NAS509-12 Nut B24757

13.0

NAS509L12

Nut



Comment: Qty.: 6.0000 Each(s)/Unit Total : 60.0000 Each(s)

Pick: Packing Kit (Note: (1) D204-708-013 Kit includes all parts listed below)

Qty Part Number Description Batch

6 NAS509L12 ;Nut B24757

14.0

QC4

INSPECT 100% KITS FOR COMPLETENESS



Comment: INSPECT 100% KITS FOR COMPLETENESS

C2061011 10

Date: Friday, 11/11/2005 3:22:46 PM
User: Linda Lacelle

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: ADJUSTABLE ENGINE MOUNT KIT (204)

Job Number: 24757

Part Number: D204708013

Job Number:



Seq. #:

Machine Or Operation:

Description :

15.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and pack for shipping as per PPP D204-708-013

Location: _____

REV.A

C206/01/14 10

16.0

DC

DOCUMENT CONTROL



Comment: DOCUMENT CONTROL

Inspection Level 21

545 06/01/16 (10)

DP 02/01/16 (18)

Job Completion



1. Approving national aviation authority / country TRANSPORT CANADA		2. AUTHORIZED RELEASE CERTIFICATE TCCA 24-0078			3. Form tracking No. SO12468-1	
4. Approved organization name and address AMO 88-97		5. NORTHERN AERO INDUSTRIES LTD. 1845 St. Matthews Avenue Winnipeg, Manitoba R3H 0A8 Canada			6. Work Order/Contract/Invoice PO 00000096	
6. Item	7. Description	8. Part No.	9. Eligibility*	10. Qty.	11. Serial/Batch No.	12. Status/Work
1	SLEEVE (D3284001)	B80702-1	BELL 204	27	05-2315	Manufactured
-	-	-	205 AND	-	-	..
-	-	-	UH-1H	-	-	..
2	SLEEVE (D3284001)	B80702-1	BELL 204	60	06-1002	Manufactured
-	-	-	205 AND	-	-	..
-	-	-	UH-1H	-	-	..
3	SLEEVE (D3284001)	B80702-1	BELL 204	37	06-1013	Manufactured
-	-	-	205 AND	-	-	..
-	-	-	UH-1H	-	-	..
4	3/4 STUD (D3284005)	B80704-1	BELL 204	63	05-2583	Manufactured
-	-	-	205 AND	-	-	..
-	-	-	UH-1H	-	-	..
13. Remarks THESE AERONAUTICAL PRODUCTS CONFORM TO APPROVED DESIGN DATA IN ACCORDANCE WITH TRANSPORT CANADA STC SH99-11 (FAA STC SR00953NY & SR01395NY). APPLICATION OF MIL-PRF-16173, Gr. I CORROSION PREVENTATIVE COMPOUND ON THE FINAL INSTALLATION OF THESE PARTS IS THE RESPONSIBILITY OF THE INSTALLER.						
14. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 13.			19. <input checked="" type="checkbox"/> CARB 57110 Maintenance Release <input checked="" type="checkbox"/> Other regulations specified in block 12 Certifies that except where otherwise specified in block 13, the work identified in block 12 and described in block 13 was performed in accordance with CARB 57110.			
15. Authorized Signature 		16. Certificate / Approval Ref. No. AMO 88-97		20. Authorized Signature N/A		21. Certificate / Approval Ref. No. N/A
17. Name R. D. Williamson		18. Date (DD MMM YYYY) 06 JANUARY 2006		22. Name N/A		23. Date (DD MMM YYYY) N/A
INSTALLER RESPONSIBILITIES						
*Installer must cross-check eligibility with approved data. This document does not constitute authority to install the part. Where the installer works in accordance with the national regulations of an airworthiness authority other than the authority specified in block 1, the installer must ensure that his/her airworthiness authority accepts products or maintenance from the airworthiness authority specified in block 1. Statements 14 and 19 do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification, issued in accordance with the national regulations of the state of registry, before the aircraft may be flown.						

1. Approving national aviation authority / country TRANSPORT CANADA		2. AUTHORIZED RELEASE CERTIFICATE TCCA 24-0078			3. Form tracking No. SO12468-2	
4. Approved organization name and address AMO 88-97		NORTHERN AERO INDUSTRIES LTD. 1845 St. Matthews Avenue Winnipeg, Manitoba R3H 0A8 Canada			5. Work Order/Contract/Invoice PO 00000096	

6. Item	7. Description	8. Part No.	9. Eligibility*	10. Qty.	11. Serial/Batch No.	12. Status/Work
5	3/4 STUD (D3284005)	B80704-1	BELL 204	3	05-1892	Manufactured
-	-	-	205 AND	-	-	..
-	-	-	UH-1H	-	-	..
6	3/4 STUD (D3284005)	B80704-1	BELL 204	34	06-1011	Manufactured
-	-	-	205 AND	-	-	..
-	-	-	UH-1H	-	-	..
7	7/8 STUD (D3284007)	B80705-1	BELL 204	25	05-2274	Manufactured
-	-	-	205 AND	-	-	..
-	-	-	UH-1H	-	-	..
8	7/8 STUD (D3284007)	B80705-1	BELL 204	95	06-1001	Manufactured
-	-	-	205 AND	-	-	..
-	-	-	UH-1H	-	-	..

13. Remarks
 THESE AERONAUTICAL PRODUCTS CONFORM TO APPROVED DESIGN DATA IN ACCORDANCE WITH TRANSPORT CANADA STC SH99-11 (FAA STC SR00953NY & SR01395NY).

 APPLICATION OF MIL-PRF-16173, Gr. I CORROSION PREVENTATIVE COMPOUND ON THE FINAL INSTALLATION OF THESE PARTS IS THE RESPONSIBILITY OF THE INSTALLER.

14. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 13.		19. Other regulations specified in block 13 Certified that the work specified in block 13 was performed in accordance with the AR 571	
15. Authorized Signature R. D. Williamson	16. Certificate / Approval Ref. No. AMO 88-97	20. Authorized Signature N/A	21. Certificate / Approval Ref. No. N/A
17. Name R. D. Williamson	18. Date (DD MMM YYYY) 06 JANUARY 2006	22. Name N/A	23. Date (DD MMM YYYY) N/A

INSTALLER RESPONSIBILITIES

*Installer must cross-check eligibility with approved data.

This document does not constitute authority to install the part.

Where the installer works in accordance with the national regulations of an airworthiness authority other than the authority specified in block 1, the installer must ensure that his/her airworthiness authority accepts products or maintenance from the airworthiness authority specified in block 1.

Statements 14 and 19 do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification, issued in accordance with the national regulations of the state of registry, before the aircraft may be flown.

1. Approving national aviation authority / country TRANSPORT CANADA		2. AUTHORIZED RELEASE CERTIFICATE TCCA 24-0078			3. Form tracking No. SO12468-3	
4. Approved organization name and address AMO 88-97		5. NORTHERN AERO INDUSTRIES LTD. 1845 St. Matthews Avenue Winnipeg, Manitoba R3H 0A8 Canada			5. Work Order/Contract/Invoice PO 00000096	

6. Item	7. Description	8. Part No.	9. Eligibility*	10. Qty.	11. Serial/Batch No.	12. Status/Work
9	7/8 STUD (D3284003)	B80703-1	BELL 205 UH-1H	20	05-2276	Manufactured
-	-	-	-	-	-	..
-	-	-	-	-	-	..
10	NUTS	NAS509-12	various	73	05-1700	Manufactured
11	NUTS	NAS509-12	various	47	05-2618	Manufactured
12	NUTS	NAS509-L12	various	35	05-1551	Manufactured
13	NUTS	NAS509-L12	various	85	05-2535	Manufactured
						..
						..
						..
						..

13. Remarks
 THESE AERONAUTICAL PRODUCTS CONFORM TO APPROVED DESIGN DATA IN ACCORDANCE WITH TRANSPORT CANADA
 STC SH99-11 (FAA STC SR00953NY & SR01395NY).

APPLICATION OF MIL-PRF-16173, Gr. I CORROSION PREVENTATIVE COMPOUND ON THE FINAL INSTALLATION OF THESE PARTS IS THE
 RESPONSIBILITY OF THE INSTALLER.

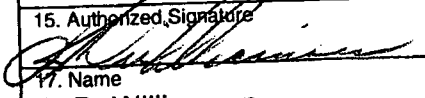
14. Certifies that the items identified above were manufactured in conformity to:

☒ Approved design data and are in condition for safe operation.

☐ Non approved design data specified in block 13.

14. Other regulations specified in block 12

Carries out work where otherwise specified in block 13 the work identified in block 12 and described in block 13 was performed in accordance with CAR 674

15. Authorized Signature 	16. Certificate / Approval Ref. No. AMO 88-97	20. Authorized Signature N/A
17. Name R. D. Williamson	18. Date (DD MMM YYYY) 06 JANUARY 2006	22. Name N/A

INSTALLER RESPONSIBILITIES

*Installer must cross-check eligibility with approved data.

This document does not constitute authority to install the part.

Where the installer works in accordance with the national regulations of an airworthiness authority other than the authority specified in block 1, the installer must ensure that his/her airworthiness authority accepts products or maintenance from the airworthiness authority specified in block 1.

Statements 14 and 19 do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification, issued in accordance with the national regulations of the state of registry, before the aircraft may be flown.

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Part Search

Part Number (min 4 char)

☒ MFG ☐ NSN

[Advanced NSN Search](#)

[FSCs>FSG 53 - Nuts, Washers, Nails, Machine Keys & Pins>FSC 5310 Nuts and Washers>5310-00-725-0397](#)

5310-00-725-0397 (NAS509L12, FF-N-836) Data

5310-00-725-0397 (5310007250397) NSN Information

NSN	FSC	NIIN	Item Name	INC
5310-00-725-0397	5310	007250397	Nut, Plain, Hexagon	01857

5310-00-725-0397 Features

MRC	Parameter	Characteristics
AAJD	Thread Class	3B
AAJF	Thread Direction	Left-hand
ACTA	Nut Style	Hexagon
ADEA	Nut Height	0.459 inches minimum and 0.479 inches maximum
AGGP	Drilled Hole Diameter	0.070 inches nominal
ALET	Hole Type and Quantity	3 drilled
ASDB	Width Across Flats	1.109 inches minimum and 1.127 inches maximum
BZRR	Thread Series	UNF
CMLP	Thread Quantity per Inch	16
CQFM	Hardness Rating	34.0 rockwell C minimum and 38.0 rockwell C maximum
CQJX	Nominal Thread Size	0.750 inches
CRHC	Hole Configuration Style	Configuration B
CRSQ	Countersink Angle	109.0 degrees minimum nut and 111.0 degrees maximum nut
CRTM	Bearing Surface Type	Chamfered or washer faced

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Part Search

Part Number (min 4 char:

☒ MFG ☐ NSN

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[FSCs](#)>[FSG 53 - Nuts, Washers, Nails, Machine Keys & Pins](#)>[FSC 5310 Nuts and Washers](#)>**5310-00-298-9255**

5310-00-298-9255 (2304476, NAS509-12, 173388) Data

5310-00-298-9255 (5310002989255) NSN Information

NSN	FSC	NIIN	Item Name	INC
5310-00-298-9255	5310	002989255	Nut, Plain, Hexagon	01857

5310-00-298-9255 Features

MRC	Parameter	Characteristics
AAJD	Thread Class	3B
AAJF	Thread Direction	Right-hand
ACTA	Nut Style	Hexagon
ADEA	Nut Height	0.469 inches nominal
AGGP	Drilled Hole Diameter	0.069 inches minimum and 0.074 inches maximum
ALET	Hole Type and Quantity	3 drilled
ASDB	Width Across Flats	1.109 inches minimum and 1.127 inches maximum
BZRR	Thread Series	UNJF
CMLP	Thread Quantity per Inch	16
CQFM	Hardness Rating	34.0 rockwell C minimum and 38.0 rockwell C maximum
CQJX	Nominal Thread Size	0.750 inches
CRHC	Hole Configuration Style	Configuration B
CRSQ	Countersink Angle	110.0 degrees nominal nut

SPECIFICATION CONTROL DRAWING

DART P/N	SPECIFICATION
D3284-001 SLEEVE	ACS P/N B80702-1 PER ACS DWG B80702 REV. A
D3284-003 STUD	ACS P/N B80703-1 PER ACS DWG B80703 REV. A
D3284-005 STUD	ACS P/N B80704-1 PER ACS DWG B80704 REV. A
D3284-007 STUD	ACS P/N B80705-1 PER ACS DWG B80705 REV. B
D3284-009 BEARING	BHT P/N 47-140-252-5
D3284-011 BEARING	BHT P/N 205-060-101-001
D3284-021 TUBE ASSY	204-060-158-001 MODIFIED PER IIN-D205-708
D3284-023 BIPOD ASSY	204-060-155-001 MODIFIED PER IIN-D205-708
D3284-025 TRIPOD ASSY	204-060-157-001 MODIFIED PER IIN-D205-708
D3284-031 TUBE ASSY	205-060-107-001 MODIFIED PER IIN-D205-708
D3284-033 BIPOD ASSY	205-060-106-001 MODIFIED PER IIN-D205-708
D3284-035 TRIPOD ASSY	205-060-105-001 MODIFIED PER IIN-D205-708



NOTE:

FOR FUTURE PROCUREMENT, THE PURCHASE ORDER MUST SPECIFY THAT THE MATERIAL USED TO MANUFACTURE THE D3284-001/-003/-005/-007 PARTS MUST COMPLY WITH THE FOLLOWING SPECIFICATIONS:

AISI 4130 ROUND BAR PER AMS 6348/MIL-S-6758 WITH
 MIN Ft_u = 90 Ksi
 MIN Ft_y = 70 Ksi

EACH INDIVIDUAL ITEM TESTED BEFORE USE OR PROVEN TO EQUAL OR EXCEED THE ABOVE.

RELEASED

2010-03-25

D

B	ADD NOTE	RF	09.07.14
A	NEW ISSUE	KJ	04.05.06
REV.	DESCRIPTION	BY	DATE
DESIGN	DS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED		REV. B SHEET 1 OF 1	
MFG. APPR.			
APPROVED		SCALE NTS	
DE APPR.			
DATE	09.07.14	COPYRIGHT © 2004 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	